

# 2006

# Summer Capacity Survey

May 18, 2005

Lee Wilmes, Vice President Power  
Supply

Wabash Valley Power Association



# Summer Actions

---

- Adequate Generation Supply
- Demand Side Control
- Gasification Activities
- Transmission

# 2005 - Historical Summer Peak

---

2004

**1215 MW**

2005

**1358 MW**

**2004: August 3, 6:00 PM Hi Temp: 87 Degrees**

**2005: July 25, 1:00 PM Hi Temp: 95 Degrees**

# 2006

## Summer Peak Projections

---

Megawatts

June

July

August

**1321**

**1511**

**1482**

# Power Supply Resources

<u>Type</u>	<u>June</u>	<u>July</u>	<u>August</u>
Owned	414	414	414
System Firm	135	135	135
Firm All Requirements	55	55	55
Firm Base Purchases	610	610	610
Unit Contingent Purchase	509	509	509
Direct Load Control	47	47	47
Other – Interruptible	20	20	20
<b>Total Resources</b>	<b>1790</b>	<b>1790</b>	<b>1790</b>

Adequate Supply, Over 18% Reserves

# Demand Side Programs

Program	Approximate Load Reduction (MW)		
	June	July	August
Water heater, air conditioner, and other end-user direct load control	47	47	47
Customer Payback – voluntary customer load interruption	20	20	20

# Plant Operations

- SG Solutions
  - Restarted Gasifier June 05
  - Produced more Syngas/MWh YTD 2006 than 2004-2005 combined
  - Set Plant Record of Longest continuous operation
  - Continue to work toward acquisition of Wabash River Unit 1 (260 MW)
- Landfill Gas
  - 22 MW in Indiana
  - Plans to add 6 MW more in next 2 years

# Transmission

- WVPA serves load in eight balance authorities:
  - AEP, Cinergy, IPALCO, NIPSCO, Ameren, Illinois Power, CILCO, and Consumers
- WVPA serves load in two RTO's, MISO and PJM
- WVPA does not directly operate network transmission



Touchstone Energy<sup>®</sup>  
Cooperatives

*The power of human connections*